

Title (en)
PREPARATION OF WIRES AND CABLES

Title (de)
HERSTELLUNG VON DRÄHTEN UND KABELN

Title (fr)
PRÉPARATION DE FILS ET DE CÂBLES

Publication
EP 2227506 A1 20100915 (EN)

Application
EP 08869928 A 20081204

Priority
• US 2008013324 W 20081204
• US 653208 A 20080103

Abstract (en)
[origin: US2009176093A1] A coated or jacketed wire or cable, and components thereof are disclosed. The coating, jacket, and components, which comprise a polyolefin and a phenolic polymeric antioxidant, exhibit outstanding oxidative thermal stability (as indicated by the increase in the oxidative inductive time (OIT)), when compared to polyolefins containing traditional non-polymeric antioxidants. A greater improvement in the thermal oxidative stability is observed after the polyolefin mixtures have been aged in water-blocking filler(s).

IPC 8 full level
C08L 23/06 (2006.01); **C08L 65/02** (2006.01); **C09K 5/08** (2006.01); **G02B 6/44** (2006.01); **H01B 3/44** (2006.01)

CPC (source: EP US)
C08L 23/06 (2013.01 - EP US); **C08L 23/08** (2013.01 - EP US); **G02B 6/443** (2013.01 - US); **H01B 3/441** (2013.01 - EP US); **C08G 2261/312** (2013.01 - EP US); **C08L 65/02** (2013.01 - EP US); **C08L 2201/08** (2013.01 - EP US); **C08L 2203/202** (2013.01 - EP US); **Y10T 428/2933** (2015.01 - EP US); **Y10T 428/2936** (2015.01 - EP US); **Y10T 428/294** (2015.01 - EP US); **Y10T 428/2947** (2015.01 - EP US); **Y10T 428/2964** (2015.01 - EP US)

C-Set (source: EP US)
1. **C08L 23/06** + **C08L 2666/22**
2. **C08L 23/08** + **C08L 2666/22**

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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DOCDB simple family (application)
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